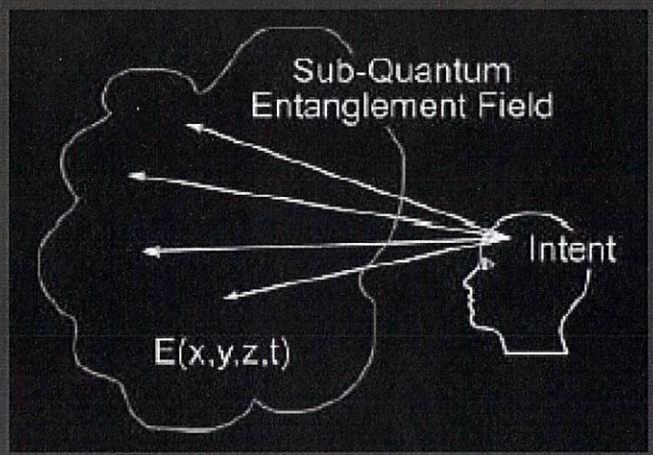
Teleportation: Mind & Intelligence

U. S. Air Force Future Technology Branch, Future Concepts & Transformation Division Workshop, MITRE Corp., McLean, VA
Oct. 21, 2005

Eric W. Davis, Ph.D.
Inst. for Advanced Studies at Austin
4030 W. Braker Ln, Ste. 300
Austin, TX 78759
ewdavis@earthtech.org



Historical Love Affair: Military Intelligence & Human (Psychic) Potentials

- Ancient Beginnings:
  - Tribal Shamans
  - Mystics/Gurus
  - Oracles
  - Schools of Ancient (or Sacred) Knowledge – "*mystery schools*"
  - Martial Arts, Specialized Warrior Training
- Epochs of Government "Psychics"
  - Pre-classic era (China, Egypt, Sumeria, Asia Minor, etc.)
  - Classic era (Greece, Rome, etc.)
  - Sketchy post-classic era: dark age & medieval era
  - Soviet Russia: suppressed, later resurrected during Cold War
  - Nazi Germany: largely exploratory, research stolen by Soviets
  - USA: Cold War exploration & exploitation

Why Human (Psychic) Potentials are Important to the Intelligence Community

- Intelligence Collection & Analysis Requirements:
  - mandate is to seek out-of-the-box solutions for acquiring & analyzing information via unconventional means or channels

- Espionage, Counterintelligence, and Military Applications:
  - Mind Warfare
  - Information Warfare
  - Cover, Concealment, and Deception (CC&D)
  - Psychological Operations (PSYOPS)
  - Perception Management
    - Deny and deceive the enemy using unconventional means

History of U.S. Military Intelligence & Human (Psychic) Potentials

- Pre-Cold War era history uncertain
- Jack Parsons (co-founder of Jet Propulsion Lab in 1930s), follower of Edward Alexander (a.k.a. Aleister) Crowley
  - JPL did rocket & missile R&D for Army Air Corp during WWII
- H. K. (Andrija) Puharich, M.D., L.L.D. started it all:
  - Project Penguin, 1948:
    - US Navy Psi research; project head was Rexford Daniels; studied effects of EM waves on humans
  - Initiated first U. S. military-intelligence R&D programs on psi, PK, and mind control during military service at the Army Chemical & Biological Warfare Center at Fort Detrick, MD (1940s-50s)

History of U.S. Military Intelligence & Human (Psychic) Potentials – Puharich

- H. K. (Andrija) Puharich, M.D., L.L.D. (continued):
  - Had interest in clairvoyance & PK
  - Dabbled in theories for electronically & pharmaceutically enhancing & synthesizing psychic abilities
  - Took part in a variety of parapsychology experiments while in the Army
  - Lectured Army, Air Force, and Navy groups on possibilities for mind warfare
  - Was a recognized expert in hypnotism & microelectronics
  - 1970s: Researched/worked with Uri Geller & Hoova/Spectra
  - Became convinced (ca. 1970s) of the existence of some kind of intelligent force in the universe that operated thru EM frequencies, and that humans can mentally interact with it

History of U.S. Military Intelligence & Human (Psychic) Potentials – Mrs. Swan

- 1950s: Office of Naval Intelligence (ONI) & CIA's NPIC
  - Subject of interest: *Mrs. Frances Swan* – channeler (via automatic writing) of entity calling itself "AFFA" from planet Uranus
  - Next door neighbor Rear Admiral H. B. Knowles, served on NICAP (interest in UFOs), becomes supporter and mediator with ONI
  - Numerous ONI officers and scientists visit Mrs. Swan and communicate with AFFA thru her
  - Commander Larsen: Naval liaison officer between ONI & NPIC (working w/ Art Lundahl, Assist. Dir. for Photographic Intelligence) is touched by Mrs. Swan, can now do automatic writing to communicate with AFFA

History of U.S. Military Intelligence & Human (Psychic) Potentials – Mrs. Swan

- At 2 pm on July 6, 1959, at secret HQ of CIA's NPIC in Washington DC:
  - Art Lundahl & Navy photo analyst (assigned to CIA) Lt.Cmdr. Neasham direct Larsen to contact AFFA while in Lundahl's office
  - At Larsen's request, AFFA "spacecraft" (bright saucer-like UFO) appears nearby outside Lundahl's office window, flies by window and over Washington DC, detected by military and civilian radar centers
  - Air Force Project Blue Book director Maj. Bob Friend later brought to Lundahl's office for AFFA demonstration, writes report to commander of Air Force Technical Intelligence Center
  - Relationship between Mrs. Swan and ONI continues off & on until 1979

History of U.S. Military Intelligence & Human (Psychic) Potentials – RV

- 1940s-70s, CIA Mind Control Projects: Bluebird/Artichoke, MKULTRA/ MKDELTA, Operation Pique, etc.
  - Led by Dr. Sidney Gottlieb, head of the Chemical Div. of Technical Services Staff (TSS) of the Deputy Directorate for Plans
- 1972: H. E. Puthoff, R. Targ, Ed May, Ingo Swann, et al. begin Remote Viewing program under sponsorship of CIA's Dr. Sidney Gottlieb – existed under various codenames
  - Program transferred to USAF, DIA, Army INSCOM, and back to CIA during its 22 year operation
  - Stanford Research Institute, SAIC, Mission Research Corp., & many others were DoD contractors/subcontractors
  - R&D on PK and clairvoyance (Uri Geller, Ingo Swann, etc.)
  - Puthoff & Swann develop testing & training protocols, established concept as a laboratory science
  - Operational psychic espionage unit established at NSA

History of U.S. Military Intelligence & Human (Psychic) Potentials – RV

- 1994: CIA ends the RV program
  - Declassified by President W. J. Clinton in 1995
- Program ended (sort of) due to complex combination of personnel turnover due to transfers; DIA champion (DDS&T Jack Verona) replaced by unsupportive successor; Hal Puthoff left SRI in 1985; Ed May (Puthoff's replacement) diverged from sponsor's interests; quality of recruited psychics declined; etc.
- Program allegedly downsized and shifted into another level of the black programs "pyramid", rumored to be doing minor drug enforcement and counterterrorism work

History of Foreign Military Intelligence & Human (Psychic) Potentials – Psychotronics

- Main threats identified by DoD during Cold War were Soviet Union, Warsaw Pact, and China
- U.S. Military Intelligence establishment concerned with possibility that Soviet/Warsaw Pact allies were conducting *"psychotronics"* and mind control R&D in order to discover how to exploit and control powerful phenomena that could be used against the U.S. and its allies
- Soviets had been researching methods of influencing human behavior for over sixty years
- Soviets and their allies extensively explored an influence technology that they called "controlled offensive behavior," which is defined as "research on human vulnerability as it applies to methods of influencing or altering human behavior"

History of Foreign Military Intelligence & Human (Psychic) Potentials – Psychotronics

- Revolutionary techniques studied to influence human behavior:
  - sound
  - light
  - color
  - odors
  - sensory deprivation
  - sleep
  - electromagnetic fields
  - biochemicals
  - autosuggestion
  - hypnosis
- Included parapsychology phenomena:
  - psychokinesis
  - telekinesis
  - extrasensory perception
  - astral projection
  - clairvoyance
  - precognition
  - dream state
  - etc.

History of Foreign Military Intelligence & Human (Psychic) Potentials – Psychotronics

- Psychotronics: general term used by former Soviet Union/Warsaw Pact countries to categorize psychic phenomena undergoing scientific research
  - *bioenergetics*: phenomena assoc. w/ production of objectively detectable effects such as psychokinesis, telekinesis, levitation effects, transformations of energy, i.e. the altering or affecting of matter
  - *bioinformation*: phenomena assoc. w/ obtaining info thru means other than normal sensory channels (i.e., ESP), such as telepathy, precognition, & clairvoyance, i.e. using the mind to tap into the thoughts of others or to acquire present or future information about objective events in the world

History of Foreign Military Intelligence & Human (Psychic) Potentials – Psychotronics

- Psychotronic phenomena involve using the mind and/or some "field" of the body to affect other minds and inanimate objects irrespective of intervening distance or elapsed time, and without engaging any conventional tools
- Bioenergetics & bioinformation are two classifications forming a single branch of science the Soviets called biocommunications
- Biocommunication research is primarily concerned w/ exploring the existence of a definite group of natural phenomena controlled by laws that are not based on any known (energetic) influence
- Types of biocommunication (a.k.a. psychotronics) phenomena includes special sensory biophysical activities, brain and mind control, telepathic communications or bioinformation transceiving, bioluminescent and bioenergetic emissions, and the effects of altered states of consciousness on the human psyche

History of U.S. Military Intelligence & Human (Psychic) Potentials – JEDI Project

- Psychotronics provides capabilities that have obvious intelligence applications – Soviets and their Warsaw Pact allies invested millions of dollars in psychotronics R&D because they understood this, and saw the potential payoff for military and intelligence applications
- U.S. response to Soviet psychotronics R&D programs was the Remote Viewing program
- U.S. Army began the JEDI Project in 1983, which sought to increase human potential using teachable models of behavioral/physical excellence by unconventional means
- JEDI Project was a human-performance modeling experiment based on neuro-linguistic programming (NLP) skills, whereby advanced influence technologies to model excellence in human performance was used

History of U.S. Military Intelligence & Human (Psychic) Potentials – JEDI Project

- Program ran under the auspices of the Army INSCOM and the Organizational Effectiveness School, sponsored by a U.S. government interagency task force
- Program successfully trained several hundred people, including members of Congress (such as Al Gore, Jr. and Tom Downey), before being terminated
- Aspects of JEDI transferred to Los Alamos Nat'l Lab, NATO, & DoD contractors upon retirement of program officers & senior military commanders (some of whom formed private companies):
  - Psi-Tech
  - BDM (subsidiary of Ford Aerospace)
  - Other corporate defense contractors did R&D

History of Foreign Military Intelligence & Human (Psychic) Potentials – China

- 1981, 1990: Chinese PK-Teleportation Research, published in Chinese scientific peer-review journals
- Became subject of DIA intelligence analysis
- Conducted by PRC Aerospace Medicine Engineering Institute in Beijing & another PRC scientific organization
- Use of gifted children & young adults to teleport animate & inanimate objects (including radio micro-transmitters) from one sealed container to another located at remote distance; containers were subjected to extreme anti-fraud measures
- Blind and double blind experiments

History of Foreign Military Intelligence & Human (Psychic) Potentials – China

- Events recorded by radio receivers, high-speed photography & videography
- Witnessed, reviewed & audited by various PRC colleges & medical research institutes, and also representatives from PRC National Defense Science Commission
- Chinese investigators unable to explain phenomenon
  - intervening Chinese research on PK-Teleportation largely a mystery
  - motivation for research unknown
  - present status unknown – dearth of U.S. intelligence on this topic

History of Foreign Human (Psychic) Potentials – Japan & England

- 1990s: ESPER Laboratory, SONY Corp., Tokyo, Japan
  - under direction of Dr. Yoichiro Sako
  - founded & supported by SONY co-founder Masaru Ibuka
  - conducted numerous experiments on bioenergy & psi (or "qi")
  - documentation & peer-review publications exist
  - program cancelled after 8 years
- 1990s – present: Mind-Matter Unification Project, Cavendish Laboratory, Cambridge University, England
  - under direction of Nobel Prize winning physicist Brian Josephson
  - web-based psi experiments
- Schools of Ancient (or Sacred) Knowledge, the "*mystery schools*," and societies still globally abound

History of Human (Psychic) Potentials – USA

- 1990s – present: Numerous efforts by privately funded think tanks:
  - Microsoft co-founder Paul Allen – Interval Research Corp., Palo Alto, CA (now reorganized, no longer doing psi research)
  - Las Vegas billionaire Bob Bigelow (my former boss):
    - Dean Radin at UNLV Dept. of Engineering
    - Consciousness Research Division, NIDS
    - Charles Tart & Raymond Moody, Bigelow Chair of Consciousness Studies at UNLV Dept. of Psychology
    - all now defunct

History of Human (Psychic) Potentials – USA

- Monroe Institute, Faber, VA
- Dean Radin & Dick Shoup (formerly of Interval Res. Corp.) – Boundary Institute, Saratoga, CA
- Institute of Noetic Sciences (Dr. Ed Mitchell, Apollo 14), Petaluma, CA
- Robert Jahn & Brenda Dunne, PEAR Lab, Princeton University, NJ
- Recent DoD War College Study
- "Rumored" Special Access Programs within DoD

History of Human (Psychic) Potentials – Air Force Research Lab (AFRL)

- 2002-03: AFRL contract study:

  → Davis, E. W. (2004), ***Teleportation Physics Study***, Final Report AFRL-PR-ED-TR-2003-0034, Air Force Research Laboratory, Air Force Materiel Command, Edwards AFB, CA

History of Human (Psychic) Potentials – Air Force Research Lab (AFRL)

- 2002-03: AFRL contract study:

  → Davis, E. W. (2004), ***Teleportation Physics Study***, Final Report AFRL-PR-ED-TR-2003-0034, Air Force Research Laboratory, Air Force Materiel Command, Edwards AFB, CA

History of Human (Psychic) Potentials – Air Force Research Lab (AFRL)

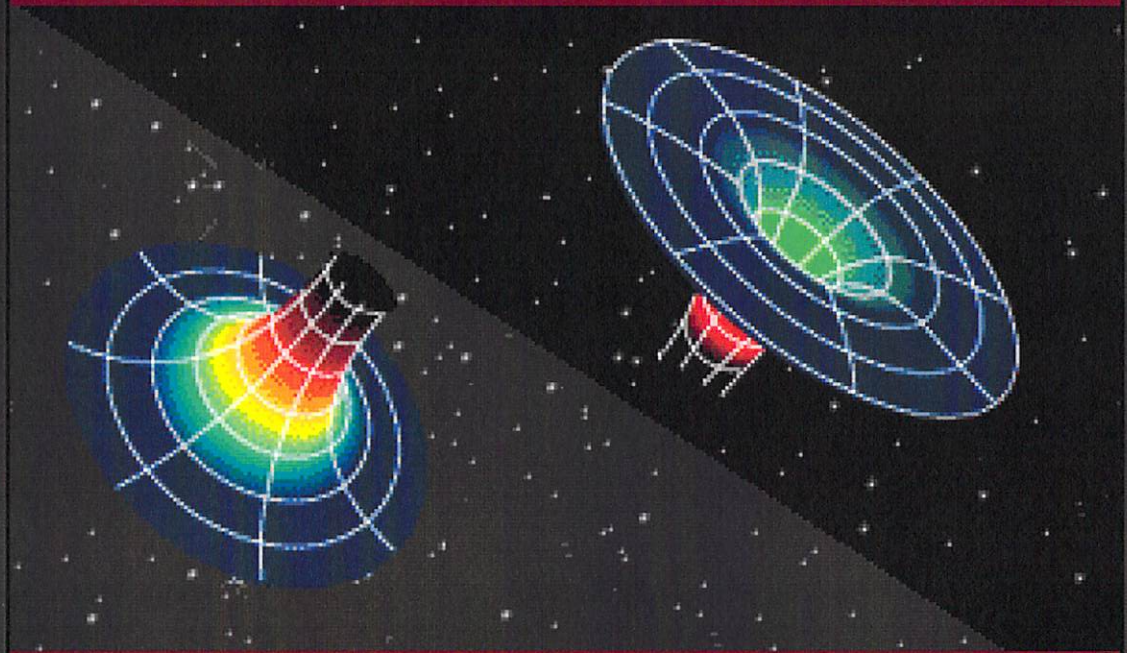
- Teleportation Physics Study divided into four phases:
  - Phase I: review & documentation of quantum teleportation, its theoretical basis, technological development, and its potential application
  - Phase II: develop textbook description of teleportation as it occurs in classical physics, explored its theoretical and experimental status, and projected its potential applications
  - Phase III: search for teleportation phenomena occurring naturally or under laboratory conditions that can be assembled into a model describing the conditions required to accomplish the disembodied conveyance of objects
  - Phase IV: final report

History of Human (Psychic) Potentials – Air Force Research Lab (AFRL)

- *Teleportation* – SciFi: the disembodied transport of persons or inanimate objects across space by advanced (futuristic) technological means
- *Teleportation* – psychic: the conveyance of persons or inanimate objects by psychic means
- *Teleportation* – engineering the vacuum or spacetime metric: the conveyance of persons or inanimate objects across space by altering the properties of the spacetime vacuum, or by altering the spacetime metric (geometry)
- *Teleportation* – quantum entanglement: the disembodied transport of the quantum state of a system and its correlations across space to another system, where *system* refers to any single or collective particles of matter or energy such as baryons (protons, neutrons, etc.), leptons (electrons, etc.), photons, atoms, ions, etc.
- *Teleportation* – exotic: the conveyance of persons or inanimate objects by transport through extra space dimensions or parallel universes

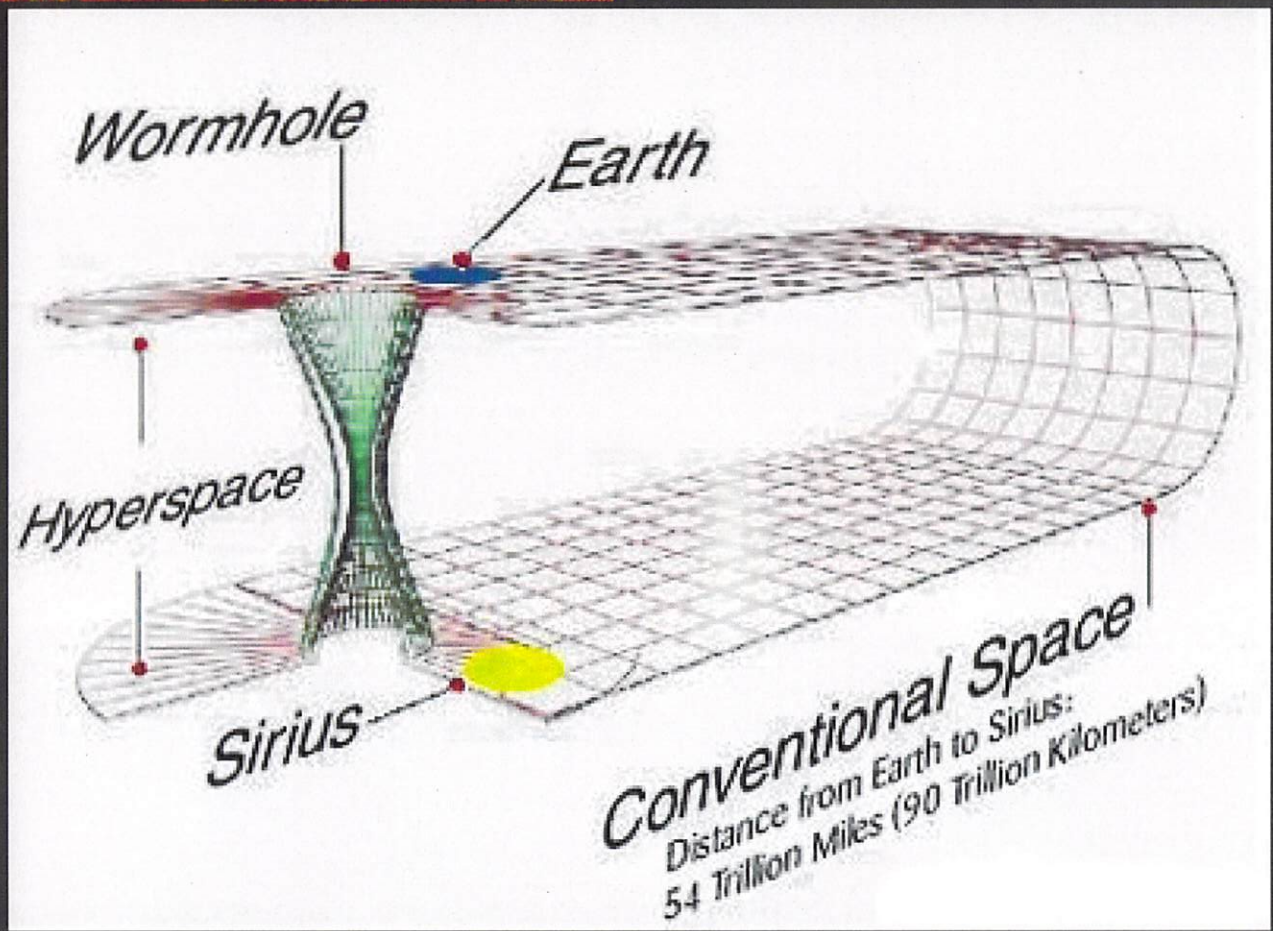
Teleportation – engineering the vacuum or spacetime metric

WORMHOLE IN SPACE

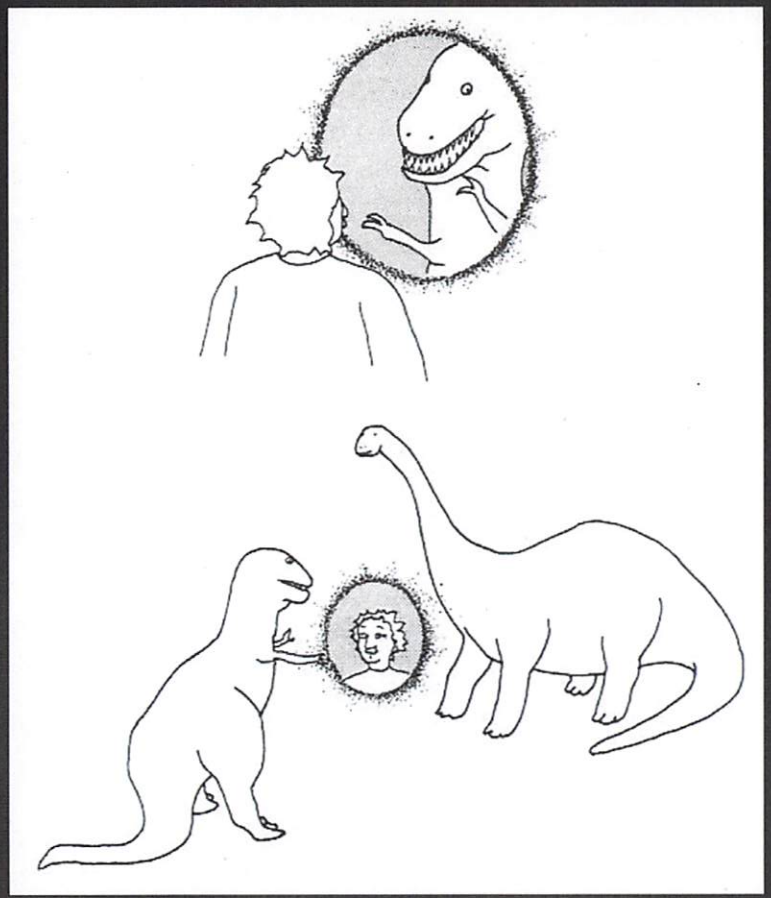


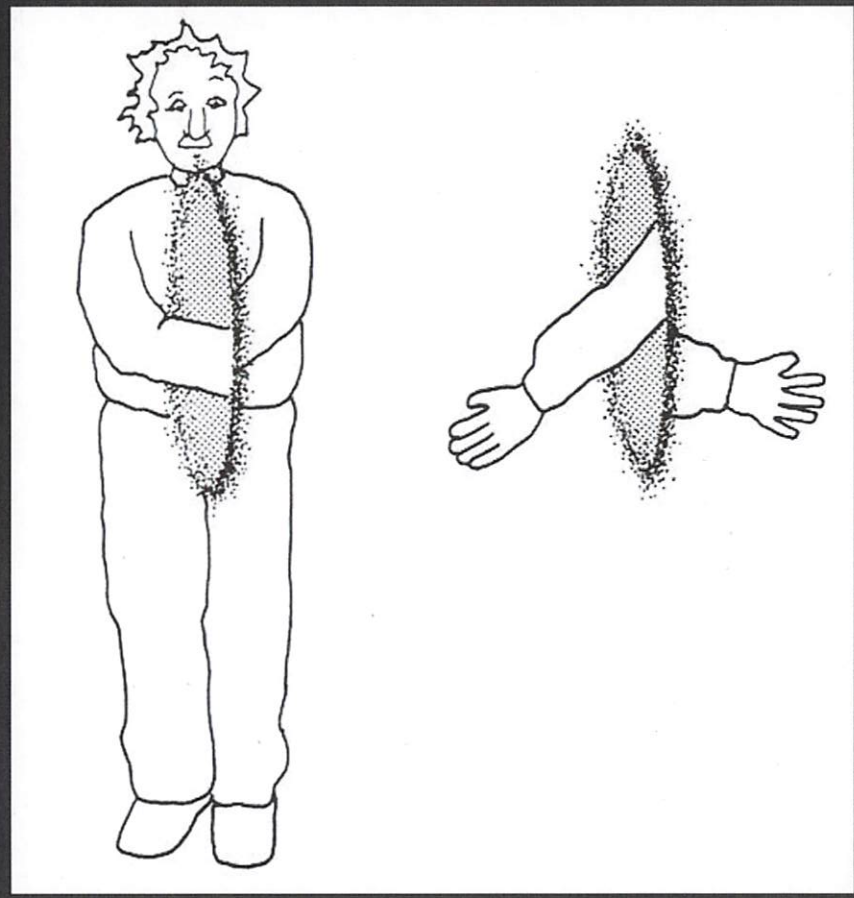
Wormholes would act as shortcuts connecting distant regions of space-time. By going through a wormhole, it might be possible to travel between the two regions faster than a beam of light through normal space-time.

Teleportation – engineering the vacuum or spacetime metric

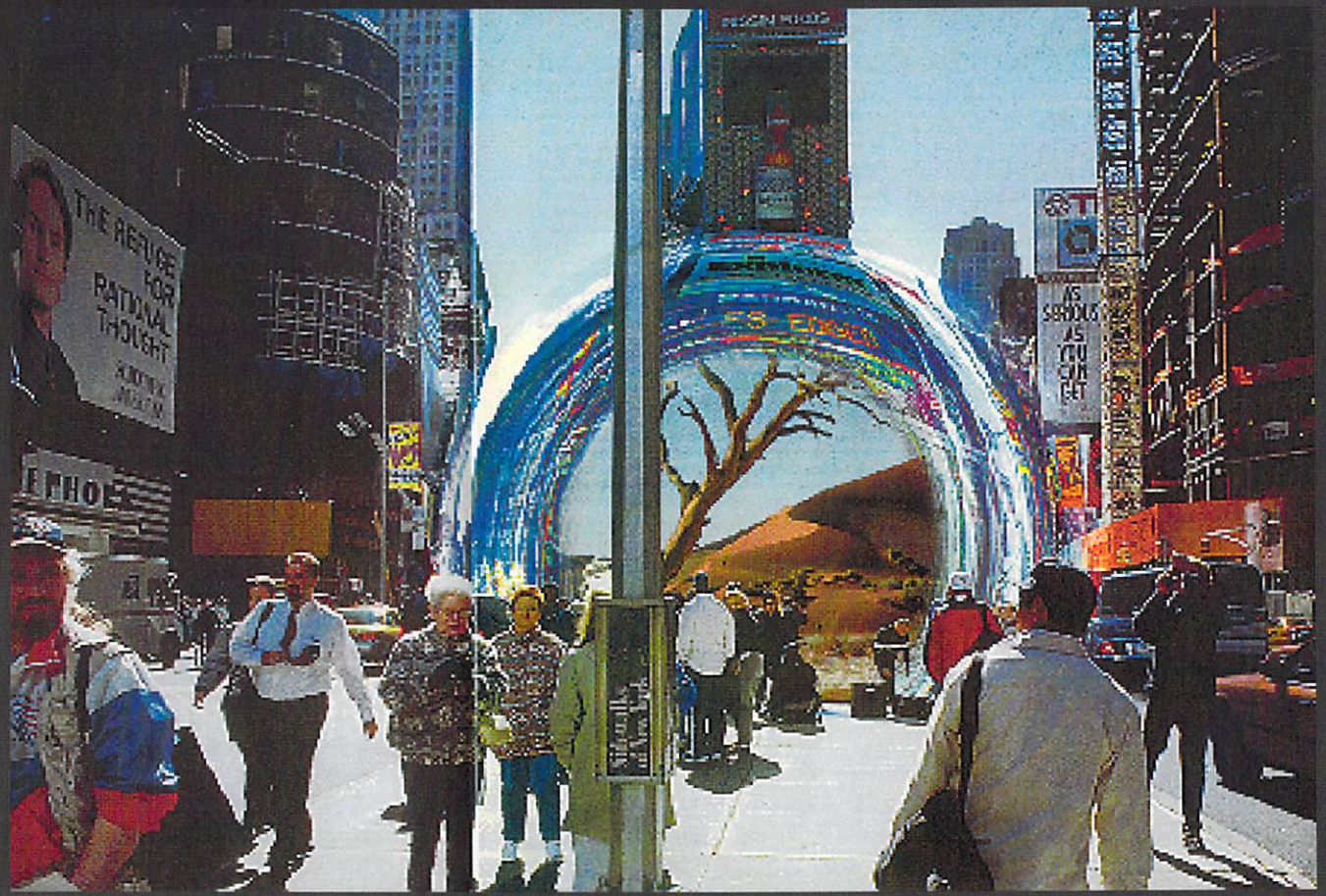


Teleportation via Wormhole-Stargate

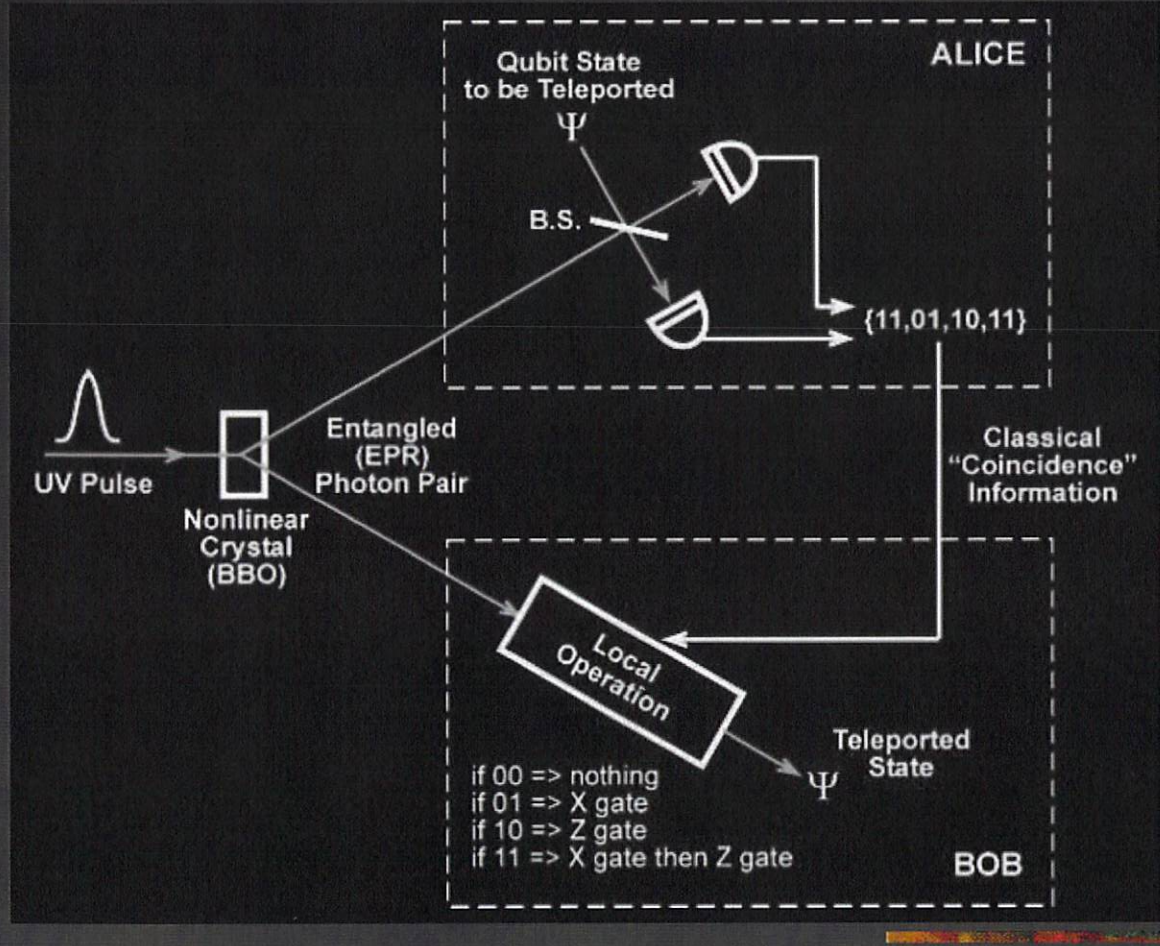




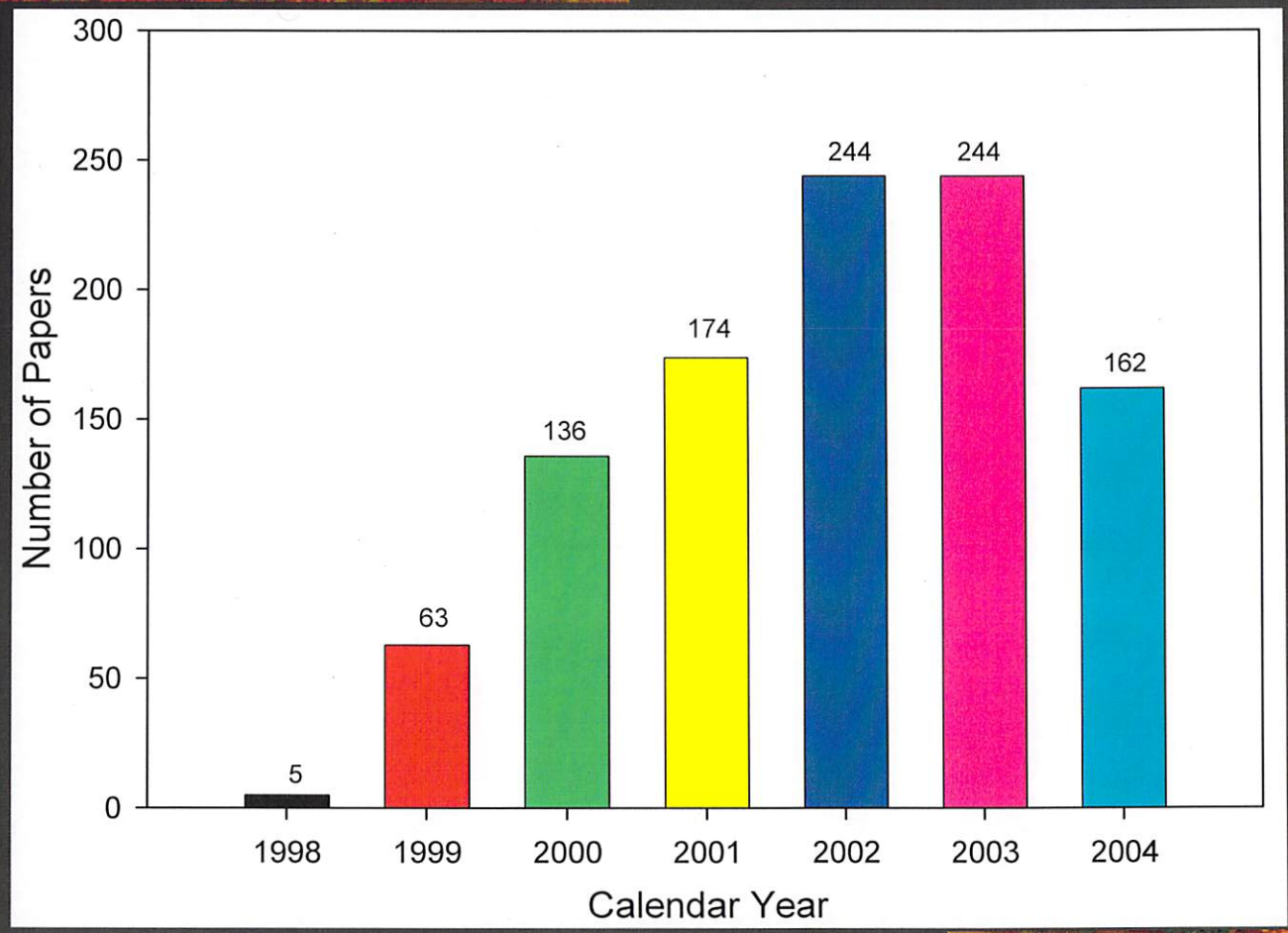
Teleportation via Wormhole-Stargate



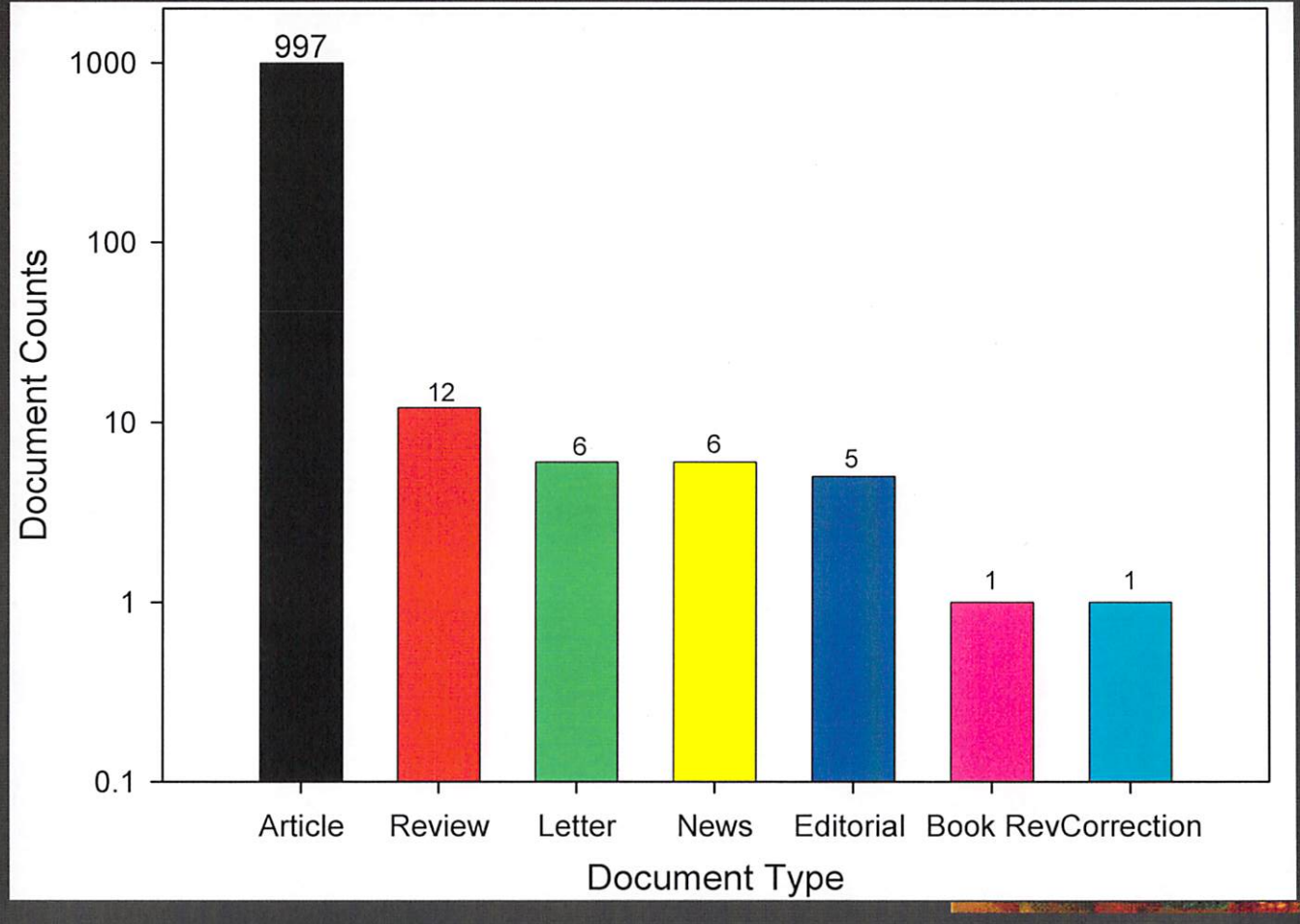
Quantum Teleportation



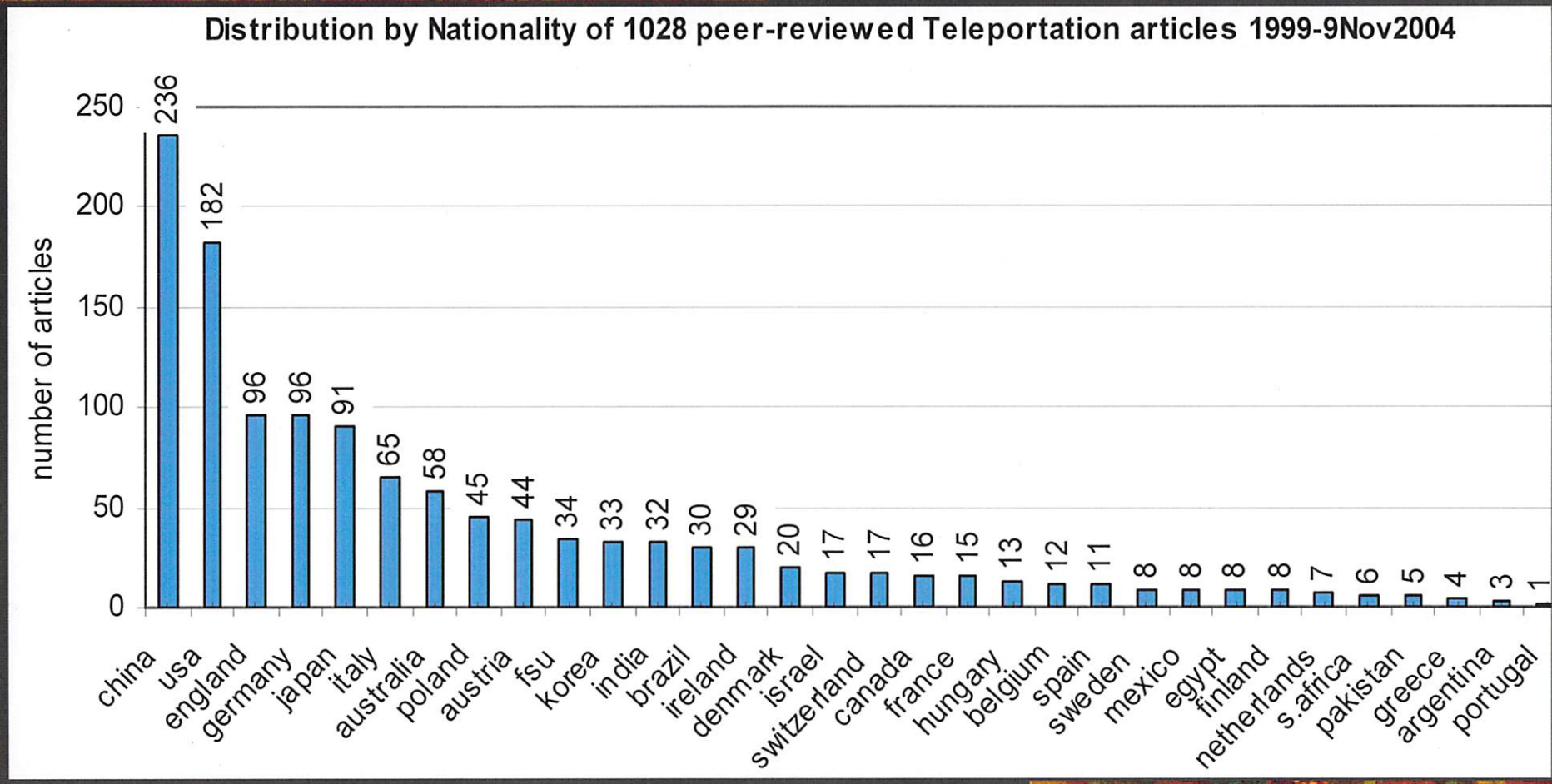
Number of Peer Reviewed Teleportation Papers by Year



Type of Teleportation Document in Peer CY 1998-2004 Reviewed Literature



Distribution by Nationality of 1,028 Teleportation Articles ca. 1999-2004



Psi, Consciousness, Quantum Teleportation: What We Know

- Underlying the Universe is a Sub-Quantum (SQ) Information domain:
  - The vacuum is teaming w/ information
  - Information determines what manifests physically
    → via Fisher Information = how much info you can squeeze out of a physical system
    - Physical Laws shown to be the difference between I (= Fisher Info from observing the phenomenon) and J (= amount of info bound up in the phenomenon being measured)
    - Through the very act of observing, we actually define the physics of the thing being measured
    - I.e., observer participancy gives rise to information and information gives rise to physics

      (B. R. Frieden, Physics from Fisher Information: A Unification, Cambridge Univ. Press, Cambridge, 1998)

Psi, Consciousness, Quantum Teleportation: What We Know

- SQ Information is *Nonlocal*:
  - Information & images can be robustly *teleported*
  - Instantaneous connections across any distance
  - Requires additional "classical" information for reliable transmission

- Nonlocal Entanglement Common in Nature:
  - Not just a "low temperature" or lab phenomenon
  - Non-maximal (weak) mixed-state entanglement
  - Weak entanglements everywhere in the Universe (from the Big Bang?)

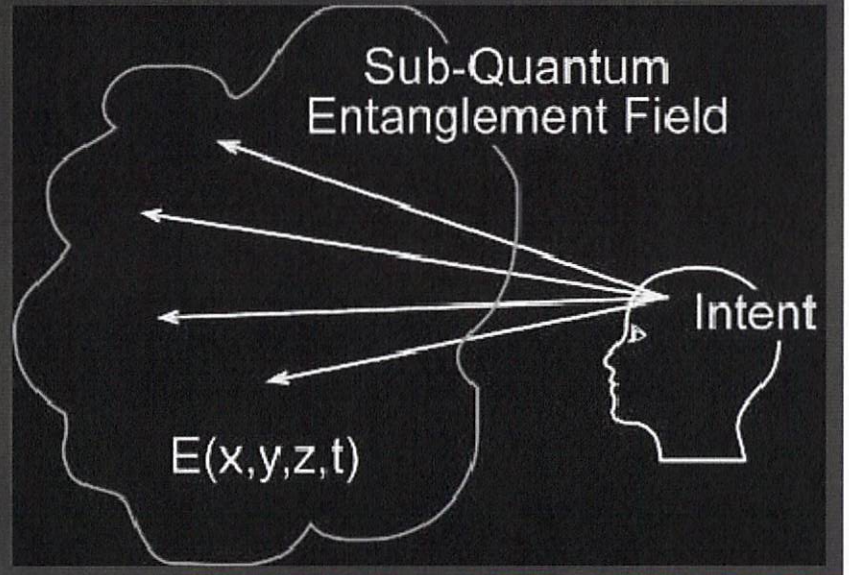
Questions

- How might biological systems exploit SQ Information?
  - Might SQ Information be integral to consciousness?
- What sort of information structures might exist in SQ Information space?
  - Qualia or “thought forms”
  - Spatio-temporal SQ Information structures required to interact with matter (since matter is spatio-temporal)
- How might SQ Information be probed?
  - Empirical data badly needed!

Conjecture: Can Biological Systems Entangle with the Physical World?

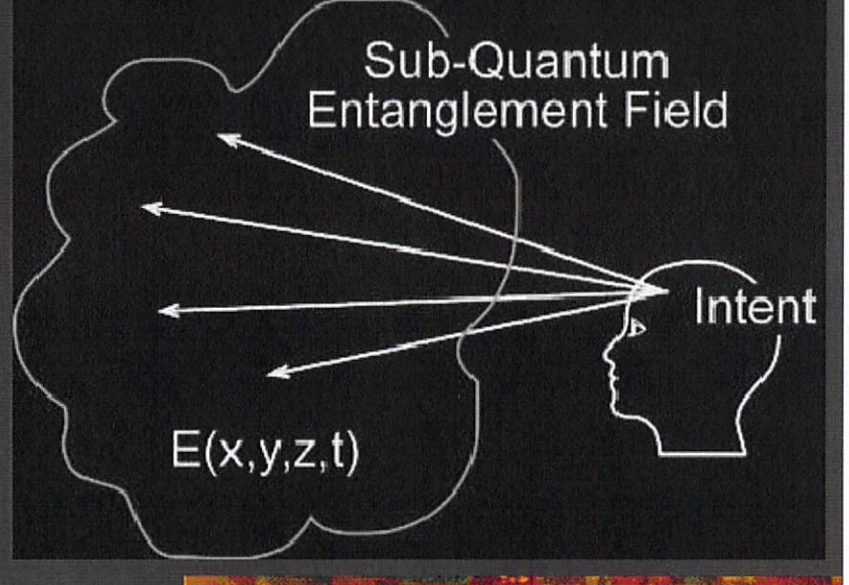
- Can *intent* exploit quantum entanglements to transfer information?

- This would explain many anomalies:
  - Remote Perception
  - Psychokinesis
  - Telepathy



Spatio-Temporal Structure in Entanglement Field can have macroscopic effects

- Might resonance effects allow projection of specific spatio-temporal SQ Information structures?
- Synchronizing of spatio-temporal joint probability distributions in matter could cause many anomalies:
  - Synchronicities in nature
  - Psychokinesis
  - Thought projection
  - Telepathy
- No Energy Transfer!



Future Work: Sub-Quantum Information, Intent, Entanglement of Biological Systems

- Quantum Information Theories
- Entanglement & Decoherence
- Quantum Holography
- Entanglement & Biological Systems
- REG Experiments
- Jungian Synchronicity Probe